

# MATTINGLY, STANGER & MALUR, P.C.

JOHN R. MATTINGLY\*  
DANIEL J. STANGER  
SHRINATH MALUR\*

GENE W. STOCKMAN  
Of Counsel

JEFFREY M. KETCHUM  
Registered Patent Agent

\* Bar Membership Other Than Virginia

## ATTORNEYS AT LAW

1800 DIAGONAL ROAD, SUITE 370

ALEXANDRIA, VIRGINIA 22314

(703) 684-1120

PATENT, TRADEMARK  
AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157

17497 U.S. PTO  
10/796050



13281 U.S. PTO

Date: March 10, 2004

Attorney Docket No. ASA-1173

CUSTOMER NO. 24956

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir: Transmitted herewith for filing is the patent application of:

Inventor: S. MATSUSHITA et al (see attached)

For:  
LIQUID COOLING MODULE

Enclosed are:

- ☒ 9 Sheets of Drawings
- ☒ This application is being filed without an executed Declaration.
- ☒ Priority is claimed from Japanese Application No. 2003-332918  
filed September 25, 2003 ☐ A certified copy is attached herewith.
- ☒ Copies of the disclosure documents listed on the attached PTO 1449 form and  
☒ discussed in the specification or ☒ attached Information Disclosure Statement.
- ☐ Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.
- ☒ Specification: Abstract X, Description 22 pages; and 8 claim(s).
- ☐ Preliminary Amendment.
- ☐ Executed Declaration.

The filing fee is calculated as shown below:

Small Entity

Large Entity

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	8 - 20 = *	0
Indep Claims	2 - 3 = *	0
<input type="checkbox"/> Multiple Dependent Claim (s)		

\* If difference is less than zero  
then enter '0' in second column

Rate	Fee
	\$ 375
x 9	\$
x 42	\$
+ 140	\$
Total	\$

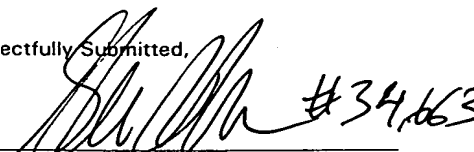
OR

Rate	Fee
	\$ 770
x 18	\$ 0
x 84	\$ 0
+ 280	\$ 0
Total	\$ 770

- ☒ A check or credit card payment form in the amount of \$ 770.00 is enclosed for the filing fee.
- ☒ The Commissioner is hereby authorized to charge any additional fees that may be required to  
Deposit Account No. 50-1417.

Respectfully Submitted,

By:

  
John R. Mattingly  
Registration No. 30,293

ASA-1173  
W1494-01MD

LIST OF INVENTORS' NAMES AND ADDRESSES

Shinji MATSUSHITA, Tokyo, JAPAN;

Hironori OIKAWA, Tokyo, JAPAN.